

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	705	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 08:55
L2	1	L1 and ((sleep idle hibernat\$4 low) near2 (interval period)) near4 (beacon TIM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:25
L3	0	L1 and ((sleep idle hibernat\$4 low) near2 (interval period)) with (beacon TIM) near2 (number plurality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 08:57
L4	0	L1 and ((sleep idle hibernat\$4 low) near2 (interval period)) with ((beacon TIM) near2 (number plurality))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:01
L5	1398	(455/522).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 08:58
L6	158	L5 and power near3 (save saving conserve conserving)	USPAT	OR	OFF	2006/12/07 08:58
L7	0	L6 and ((sleep idle hibernat\$4 low) near2 (interval period)) with ((beacon TIM) near2 (number plurality))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 08:58
L8	17	L6 and ((sleep idle hibernat\$4 low) near2 (interval period))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:20
L9	282	(370/318).CCLS.	USPAT; USOCR	OR	OFF	2006/12/07 09:01
L10	0	L9 and ((sleep idle hibernat\$4 low) near2 (interval period)) with ((beacon TIM) near2 (number plurality))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:01
L11	15	L9 and ((sleep idle hibernat\$4 low) near2 (interval period))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:02
L12	143	L1 and ((sleep idle hibernat\$4 low) near2 (interval period))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:25
L13	14	12 and (beacon TIM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:43

## EAST Search History

L14	1	("6192230").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 09:43
L15	1	14 and (sleep\$4 doz\$4 idle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 09:48
L16	1	("6002918").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 10:01
L17	1	16 and "802.11"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:23
L18	1	("6564074").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 10:23
L19	1	18 and broadcast\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:33
L20	1	16 and broadcast\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 11:24
L21	1	16 and (TIM traffic map)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 11:35
L22	1	16 and (laptop mobile computer network interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 11:43
L23	34	(two twice) with broadcast\$4 with (sleep idle hibernat\$4 low sav\$4) with (interval period)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 11:56
L24	1	("5583886").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 11:56
L25	1	("5583866").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 12:20
L26	1	25 and ((sleep idle hibernat\$4 low) near2 (interval period))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:20

## EAST Search History

L27	1	25 and (sleep idle hibernat\$4 low)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:20
S1	1727019	"802.11" near\$3 (wireless mobile telecommunication)	USPAT; USOCR	OR	OFF	2006/04/14 17:42
S2	1283	(sleep timeout break) and beacon\$3	USPAT; USOCR	OR	OFF	2006/04/14 10:56
S3	888	S1 and S2	USPAT; USOCR	OR	OFF	2005/10/26 10:54
S4	423	S3 and antenna\$3	USPAT; USOCR	OR	OFF	2005/10/26 10:57
S5	80	S4 and power near3 sav\$4	USPAT; USOCR	OR	OFF	2006/04/14 16:02
S6	1283	(sleep timeout break stand near2 by) and beacon\$3	USPAT; USOCR	OR	OFF	2005/10/26 11:53
S7	87656	(sleep timeout break stand near2 by) and mode	USPAT; USOCR	OR	OFF	2005/10/26 11:53
S8	6039	S7 and antenna\$3	USPAT; USOCR	OR	OFF	2005/10/26 11:54
S9	1185	S8 and power near3 (sav\$5 loss)	USPAT; USOCR	OR	OFF	2005/10/26 11:55
S10	96	S9 and beacon\$2	USPAT; USOCR	OR	OFF	2005/10/26 16:03
S11	103314	communication and (mobile wireless cellular handphone)	USPAT; USOCR	OR	OFF	2005/10/26 16:04
S12	12421	S11 and power and (conserve\$2 saving save)	USPAT; USOCR	OR	OFF	2005/10/26 16:05
S13	744	S12 and traffic and percentage	USPAT; USOCR	OR	OFF	2005/10/26 16:05
S14	48	S13 and beacon	USPAT; USOCR	OR	OFF	2005/10/26 16:06
S15	406	S13 and (timeout sleep break)	USPAT; USOCR	OR	OFF	2005/10/26 16:07
S16	34	S15 and "802.11"	USPAT; USOCR	OR	OFF	2005/10/26 16:58
S17	1	("6934752").PN.	USPAT; USOCR	OR	OFF	2005/10/26 16:10
S18	1	S17 and percentage	USPAT	OR	OFF	2005/10/26 16:10
S19	3257	sleep and percentage	USPAT; USOCR	OR	OFF	2005/10/26 16:58
S20	1174	S19 and communication	USPAT; USOCR	OR	OFF	2005/10/26 16:58

## EAST Search History

S21	979	S20 and (computer notebook mobile wireless celular)	USPAT; USOCR	OR	OFF	2005/10/26 16:59
S22	44	S21 and beacon	USPAT; USOCR	OR	OFF	2005/10/26 17:00
S23	1759971	S22 and power near\$4 (conserve save saving)	USPAT; USOCR	OR	OFF	2005/10/26 17:01
S24	41	S22 and power	USPAT; USOCR	OR	OFF	2005/10/26 17:01
S25	38	S24 and (conserve save saving)	USPAT; USOCR	OR	OFF	2005/10/26 17:14
S26	8925	percentage and traffic	USPAT; USOCR	OR	OFF	2005/10/26 17:14
S27	4526	S26 and power	USPAT; USOCR	OR	OFF	2005/10/26 17:15
S28	997	S27 and (conserve saving)	USPAT; USOCR	OR	OFF	2005/10/26 17:15
S29	140	S28 and sleep	USPAT; USOCR	OR	OFF	2005/10/26 17:17
S30	535	percentage near5 traffic	USPAT; USOCR	OR	OFF	2005/10/26 17:17
S31	3	S29 and S30	USPAT; USOCR	OR	OFF	2005/10/26 17:17
S32	563	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2006/04/14 16:33
S33	167	S32 and sleep	USPAT	OR	OFF	2005/10/27 09:10
S34	257	S32 and (sleep tmeout break idle)	USPAT	OR	OFF	2005/10/27 09:11
S35	260	S32 and (sleep timeout break idle)	USPAT	OR	OFF	2005/10/27 09:11
S36	563	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2005/10/27 13:15
S37	24	S36 and beacon	USPAT	OR	OFF	2005/10/27 15:03
S38	153	beacon and "802.11"	USPAT	OR	OFF	2005/10/27 15:04
S39	28	S38 and power and (save saving) and sleep	USPAT	OR	OFF	2005/10/27 15:21
S40	3	S39 and percentage	USPAT	OR	OFF	2005/10/27 15:26
S41	1	S37 and percentage	USPAT	OR	OFF	2005/10/27 15:26
S42	13	("4794649"   "5128938"   "5241542"   "5329531"   "5584048"   "5991635"   "6018642"   "6058289"   "6192230"   "6480476"   "6522873"   "6564074").PN. OR ("6671525").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 09:02
S43	183	(455/343.2).CCLS.	USPAT; USOCR	OR	OFF	2005/10/28 09:03

## EAST Search History

S44	0	("2andbeacon").PN.	USPAT; USOCR	OR	OFF	2005/10/28 09:04
S45	5	S43 and beacon	USPAT	OR	OFF	2005/10/28 09:07
S46	21	S43 and (percentage amount capacity) and traffic	USPAT	OR	OFF	2005/10/28 09:08
S47	56	("4449248"   "4509199"   "4577315"   "4679244").PN. OR ("4794649"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 10:22
S48	20	("4804954"   "5301225"   "5428820"   "5574996"   "5627882"   "5745695"   "5758278"   "5806007"   "6058289"   "6157845").PN. OR ("6480476").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 10:45
S49	1	S48 and percentage	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 10:46
S50	3	S48 and beacon	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/28 10:46
S51	1	("6018642").PN.	USPAT; USOCR	OR	OFF	2005/10/28 17:12
S52	0	S51 and "802.11"	USPAT	OR	OFF	2005/10/28 17:12
S53	1	("6018642").PN.	USPAT; USOCR	OR	OFF	2005/10/31 08:40
S54	11	("4449248"   "5128938"   "5276680"   "5373506"   "5535207"   "5629940").PN. OR ("6018642"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 08:40
S55	153	beacon and "802.11"	USPAT	OR	OFF	2005/10/31 13:14
S56	117	S55 and power	USPAT	OR	OFF	2005/10/31 10:45
S57	1104	(455/522).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 10:46
S58	121	S57 and power near3 (save saving conserve conserving)	USPAT	OR	OFF	2005/10/31 10:47
S59	5	S58 and "802.11"	USPAT	OR	OFF	2005/10/31 10:49
S60	18	S58 and traffic near5 (percentage amount capacity level)	USPAT	OR	OFF	2005/10/31 11:58
S61	563	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 11:58
S62	13	S61 and traffic near4 (percent\$4 amount capacity level)	USPAT	OR	OFF	2005/10/31 13:14

## EAST Search History

S63	1230	beacon and "802.11"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 13:15
S64	339	S63 and power near5 (save saving conserve conserving)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 13:15
S65	141	S64 and traffic near5 (amount percentage data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:04
S66	67	(455/127.5).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 14:15
S67	183	(455/343.2).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 14:16
S68	165	S67 and power	USPAT	OR	OFF	2005/10/31 14:16
S69	85	S68 and (traffic amount)	USPAT	OR	OFF	2005/10/31 14:18
S70	10	S68 and (traffic amount) near3 data	USPAT	OR	OFF	2005/10/31 14:27
S71	218	(370/318).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 14:27
S72	0	("23andpowernear4(savesavingcons erveconserveing)").PN.	USPAT; USOCR	OR	OFF	2005/10/31 14:28
S73	25	S71 and power near4 (save saving conserve conserving)	USPAT	OR	OFF	2005/10/31 14:46
S74	19	(370/454).CCLS.	USPAT; USOCR	OR	OFF	2005/10/31 14:48
S75	1	("6512935").PN.	USPAT; USOCR	OR	OFF	2005/10/31 14:48
S76	22	("5355511"   "5379451"   "5467341"   "5778030"   "5787348"   "5850592"   "5912921"   "5950132"   "5953677"   "5987011"   "5995496"   "6108532"   "6115580"   "6122293"   "6134230"   "6141570"   "6192230"   "6212381"   "6259919"   "6330446").PN. OR ("6512935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 14:52
S77	1	("6584330").PN.	USPAT; USOCR	OR	OFF	2005/10/31 14:53

## EAST Search History

S78	23	("4794649"   "5034993"   "5548813"   "5590395"   "5648962"   "5689815"   "5771017"   "5822693"   "5854971"   "5862459"   "5884187"   "5924040"   "5933766"   "5991629"   "6073035"   "6339694"   "6347226"   "6356531"   "6360106"   "6463050").PN. OR ("6584330").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 14:59
S79	1	("6360106").PN.	USPAT; USOCR	OR	OFF	2005/10/31 14:59
S80	12	("5175867"   "5289179"   "5448766"   "5487185"   "5752161"   "5862483"   "5890067"   "5991629"   "6067482").PN. OR ("6360106").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:02
S81	1	("6665520").PN.	USPAT; USOCR	OR	OFF	2005/10/31 15:02
S82	9	("4794649"   "5095308"   "5144296"   "5278831"   "5371734"   "5583866"   "6018642"   "6192230").PN. OR ("6665520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:05
S83	1	("6671525").PN.	USPAT; USOCR	OR	OFF	2005/10/31 15:05
S84	13	("4794649"   "5128938"   "5241542"   "5329531"   "5584048"   "5991635"   "6018642"   "6058289"   "6192230"   "6480476"   "6522873"   "6564074").PN. OR ("6671525").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:05
S85	1	("6671525").PN.	USPAT; USOCR	OR	OFF	2005/10/31 16:16
S86	0	S85 and "802.11"	USPAT	OR	OFF	2005/10/31 16:17
S87	1	("6804542").PN.	USPAT; USOCR	OR	OFF	2005/10/31 16:17
S88	0	S87 and "802.11"	USPAT	OR	OFF	2005/10/31 16:18
S89	1	("6665520").PN.	USPAT; USOCR	OR	OFF	2005/10/31 16:18
S90	1	S89 and "802.11"	USPAT	OR	OFF	2005/10/31 16:18
S91	0	(92/19059).CCLS.	USPAT; USOCR	OR	OFF	2005/11/01 08:49
S92	0	(WO92/19059).CCLS.	USPAT; USOCR	OR	OFF	2005/11/01 08:50
S93	329612	WO 92/19059	USPAT	OR	OFF	2005/11/01 08:50
S94	3	"WO 92/19059"	USPAT	OR	OFF	2005/11/01 11:27

## EAST Search History

S95	1	("6665520").PN.	USPAT; USOCR	OR	OFF	2005/11/01 11:28
S96	0	S95 and ("traffic indication map" TIM)	USPAT	OR	OFF	2005/11/01 11:51
S97	103644	communication and (mobile wireless cellular handphone)	USPAT; USOCR	OR	OFF	2005/11/01 13:08
S98	12464	S97 and power and (conserve\$2 saving save)	USPAT; USOCR	OR	OFF	2005/11/01 13:04
S99	746	S98 and traffic and percentage	USPAT; USOCR	OR	OFF	2005/11/01 13:04
S10 0	408	S99 and (timeout sleep break)	USPAT; USOCR	OR	OFF	2005/11/01 13:04
S10 1	34	S100 and "802.11"	USPAT; USOCR	OR	OFF	2005/11/01 13:04
S10 2	0	S101 and "802.11" and TMI	USPAT	OR	OFF	2005/11/01 13:04
S10 3	34	S101 and "802.11"	USPAT	OR	OFF	2005/11/01 13:05
S10 4	2	S103 and TIM	USPAT	OR	OFF	2005/11/01 13:05
S10 5	0	"5128938" and "802.1" and TIM	USPAT	OR	OFF	2005/11/01 13:06
S10 6	0	"5806007" and "802.1" and TIM	USPAT	OR	OFF	2005/11/01 13:07
S10 7	299	"802.1"	USPAT; USOCR	OR	OFF	2005/11/01 13:08
S10 8	3	S107 and TIM	USPAT; USOCR	OR	OFF	2005/11/01 13:09
S10 9	1393	"802.11"	USPAT; USOCR	OR	OFF	2006/04/14 15:45
S11 0	25	S109 and (TIM "traffic indication map")	USPAT; USOCR	OR	OFF	2005/11/01 15:55
S11 1	1	("6192230").PN.	USPAT; USOCR	OR	OFF	2006/04/14 16:02
S11 2	0	S111 and "802.11"	USPAT	OR	OFF	2005/11/01 14:26
S11 3	1	("6480476").PN.	USPAT; USOCR	OR	OFF	2005/11/01 15:54
S11 4	0	S113 and beacon	USPAT	OR	OFF	2005/11/01 15:41
S11 5	1	S113 and network and interface and card	USPAT	OR	OFF	2005/11/01 15:45
S11 6	1	("6018642").PN.	USPAT; USOCR	OR	OFF	2005/11/01 15:45



## EAST Search History

S11 7	1	S116 and network and interface and card	USPAT	OR	OFF	2005/11/01 15:49
S11 8	1	S116 and mobile and computer	USPAT	OR	OFF	2005/11/01 15:52
S11 9	1	S116 and computer	USPAT	OR	OFF	2005/11/01 15:53
S12 0	1	("6665520").PN.	USPAT; USOCR	OR	OFF	2005/11/01 15:53
S12 1	0	S120 and computer	USPAT	OR	OFF	2005/11/01 15:53
S12 2	0	S113 and computer	USPAT	OR	OFF	2005/11/01 15:54
S12 3	1	("6192230").PN.	USPAT; USOCR	OR	OFF	2005/11/01 15:54
S12 4	0	S123 and computer	USPAT	OR	OFF	2005/11/01 15:54
S12 5	1393	"802.11"	USPAT; USOCR	OR	OFF	2005/11/01 15:56
S12 6	56	S125 and "mobile computer"	USPAT; USOCR	OR	OFF	2005/11/01 15:56
S12 7	3	S126 and beacon	USPAT; USOCR	OR	OFF	2005/11/01 16:04
S12 8	1	S116 and antenna\$2	USPAT; USOCR	OR	OFF	2005/11/01 16:37
S12 9	0	S116 and (sleep)	USPAT; USOCR	OR	OFF	2005/11/01 16:38
S13 0	1	S116 and (power-off)	USPAT; USOCR	OR	OFF	2005/11/01 16:41
S13 1	1	S113 and (save saving)	USPAT; USOCR	OR	OFF	2005/11/01 17:12
S13 2	1	"20050124294"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:13
S13 3	1	S132 and TBTT	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:13
S13 4	6333	TBTT	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:13
S13 5	85	S134 and power and (save saving)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:14
S13 6	36	S135 and "802.11"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:14

## EAST Search History

S13 7	36	S136 and beacon	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:18
S13 8	14	S137 and sleep and power and save and saving	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 17:18
S13 9	1	("6665520").PN.	USPAT; USOCR	OR	OFF	2005/11/03 09:32
S14 0	0	S139 and (timer clock)	USPAT	OR	OFF	2005/11/03 09:33
S14 1	1	("6480476").PN.	USPAT; USOCR	OR	OFF	2005/11/03 09:34
S14 2	0	S141 and timer	USPAT	OR	OFF	2005/11/03 09:34
S14 3	1	("6192230").PN.	USPAT; USOCR	OR	OFF	2005/11/03 09:34
S14 4	1	S143 and (timer clock)	USPAT	OR	OFF	2005/11/03 10:05
S14 5	0	("20010031626").PN.	USPAT; USOCR	OR	OFF	2005/11/03 10:06
S14 6	0	(2001/0031626).CCLS.	USPAT; USOCR	OR	OFF	2005/11/03 10:06
S14 7	0	2001/0031626	US-PGPUB	OR	OFF	2005/11/03 10:06
S14 8	1	"20010031626"	US-PGPUB	OR	OFF	2005/11/03 10:06
S14 9	0	S148 and timer	US-PGPUB	OR	OFF	2005/11/03 10:07
S15 0	1	S148 and TBTT	US-PGPUB	OR	OFF	2005/11/03 10:07
S15 1	6246	TBTT	USPAT; USOCR	OR	OFF	2005/11/04 17:27
S15 2	0	("Target Beacon Transmission Timer" TBTT) near3 timer	USPAT; USOCR	OR	OFF	2005/11/04 17:28
S15 3	0	S151 near2 timer	USPAT; USOCR	OR	OFF	2005/11/04 17:27
S15 4	0	"Target Beacon Transmission Timer"	USPAT; USOCR	OR	OFF	2005/11/04 17:27
S15 5	1	("Target Beacon Transmission Timer" TBTT) near3 clock	USPAT; USOCR	OR	OFF	2005/11/04 17:28
S15 6	0	"Target Beacon Transmission Timer" near3 clock	USPAT; USOCR	OR	OFF	2005/11/04 17:29
S15 7	0	"Target Beacon Transmission clock"	USPAT; USOCR	OR	OFF	2005/11/04 17:29

## EAST Search History

S15 8	571	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2005/11/09 09:09
S15 9	30	S158 and percentage	USPAT	OR	OFF	2005/11/09 09:13
S16 0	9616	percentage near3 (traffic load capacity amount)	USPAT	OR	OFF	2005/11/09 10:08
S16 1	2484	S160 and communication	USPAT	OR	OFF	2005/11/09 09:14
S16 2	525	S161 and wireless	USPAT	OR	OFF	2005/11/09 09:14
S16 3	296	S162 and power	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:22
S16 4	26	S163 and (based according) near5 percentage	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:31
S16 5	111	S158 and ratio	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:31
S16 6	10	S158 and ratio near4 (traffic load amount capacity)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:34
S16 7	7	S158 and ratio near4 traffic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:38
S16 8	1976	455/522.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:52
S16 9	276	S168 and (percentage ratio) near4 (traffic data)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:39
S17 0	1647	455/571-574.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:53
S17 1	1	S170 and (based according accordance) near3 (percentage ratio) near4 traffic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:56
S17 2	11	S170 and (percentage ratio) near4 traffic	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 09:58
S17 3	12	S170 and (percentage ratio) near4 (traffic activity activities)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:06
S17 4	0	455/127.5.ccls. and (percentage ratio) near4 (traffic activity activities)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:07

## EAST Search History

S17 5	26	455/127.5.ccls. and (percentage ratio)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:07
S17 6	6454	percentage near3 (traffic capacity data)	USPAT	OR	OFF	2005/11/09 10:09
S17 7	10746	percentage near3 (traffic capacity data)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:09
S17 8	544	(based according accordance) near5 percentage near3 (traffic capacity data)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:10
S17 9	213	S178 and communication	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:10
S18 0	86	S179 and power	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/09 10:10
S18 1	1	("6731600").PN.	USPAT; USOCR	OR	OFF	2005/11/09 10:30
S18 2	5936	(mobile wireless portable cellular cell\$5) same (APS percentage) with (beacon traffic busy level capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:27
S18 3	126	S182 and (sleep timeout break standby) same (power batter\$4) near2 (conserv\$4 sav\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 10:58
S18 4	1	(Auto adj2 power adj2 saving adj2 mode) and percent\$4 same (traffic load capacity level)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:29
S18 5	1	(Auto adj2 power adj2 saving adj2 mode)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:29
S18 6	70	percent\$4 near2 (traffic load activity) and beacon	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/14 11:30
S18 7	627	(455/574).CCLS.	USPAT; USOCR	OR	OFF	2006/04/14 12:38
S18 8	35	S187 and percentage	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 13:05

## EAST Search History

S18 9	15	("4794649"   "5128938"   "5241542"   "5329531"   "5584048"   "5991635"   "6018642"   "6058289"   "6192230"   "6480476"   "6522873"   "6564074").PN. OR ("6671525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 12:44
S19 0	25	S187 and (percentage rate level) near3 (traffic activity)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:11
S19 1	36	(percentage rate level) near3 (traffic activity) with beacon	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:17
S19 2	2950	(percentage rate level) near3 (traffic activity) same (sleep\$4 dormant hibernat\$4 rest inactive standby)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:22
S19 3	42	(percentage rate level) near3 (traffic activity) same (sleep\$4 dormant hibernat\$4 rest inactive standby) and beacon	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:23
S19 4	1757805	"802.11" near\$3 (wireless mobile telecommunication)	USPAT; USOCR	OR	OFF	2006/04/14 13:22
S19 5	935	S192 and S194	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:22
S19 6	13	S195 and (sleep\$4 dormant hibernat\$4 rest inactive standby) and beacon	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 13:42
S19 7	1	("6480476").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/14 13:42
S19 8	27173	S197 abd beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 13:43
S19 9	0	S197 and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:19
S20 0	45	"6192230"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:19
S20 1	1	("6192230").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/14 14:19

## EAST Search History

S20 2	0	S201 and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:19
S20 3	0	S201 and "802.11"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 14:20
S20 4	1	S201 and (level rate percentage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 15:44
S20 5	1	("6480476").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/14 15:44
S20 6	0	S205 and "802.11"	USPAT; USOCR	OR	OFF	2006/04/14 15:45
S20 7	111895	communication and (mobile wireless cellular handphone)	USPAT; USOCR	OR	OFF	2006/04/14 16:02
S20 8	18784	S207 and broadcast\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:02
S20 9	1	("6192230").PN.	USPAT; USOCR	OR	OFF	2006/04/14 16:02
S21 0	1	S209 and power near3 sav\$4	USPAT; USOCR	OR	OFF	2006/04/14 16:03
S21 1	1	S209 and broadcast\$4	USPAT; USOCR	OR	OFF	2006/04/14 16:06
S21 2	1	S209 and access	USPAT; USOCR	OR	OFF	2006/04/14 16:32
S21 3	1	S209 and plurality	USPAT; USOCR	OR	OFF	2006/04/14 16:32
S21 4	627	(455/574).CCLS..	USPAT; USOCR	OR	OFF	2006/04/14 16:34
S21 5	6	S214 and (plurality adj2 antenna) and antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:35
S21 6	386	S214 and ((plurality adj2 antenna) antennas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:36
S21 7	220	S216 and power near2 (sav\$4 conserv\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 16:37

## EAST Search History

S21 8	10	S217 and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 17:41
S21 9	1	("6480476").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/14 17:41
S22 0	0	S219 and "802.11"	USPAT; USOCR	OR	OFF	2006/04/14 17:42
S22 1	1	("6192230").PN.	USPAT; USOCR	OR	OFF	2006/04/17 12:22
S22 2	0	S221 and beacon\$2	USPAT; USOCR	OR	OFF	2006/04/17 12:22
S22 3	1	("6192230").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/17 13:19
S22 4	0	("((sleep\$4doz\$4idl\$4sav\$4low)near2(powermodeinterval))with((broadcast\$4unicast\$4transmit\$4)near2(timeintervalperiod)))".PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/06 11:49
S22 5	1189	((sleep\$4 doz\$4 idl\$4 low sav\$4) near2 (interval time mode period)) with ((broadcast\$4 unicast\$4 communicat\$4) near2 (interval time))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 11:52
S22 6	83	((sleep\$4 doz\$4 idl\$4 low sav\$4) near2 (interval time mode period)) with ((broadcast\$4 unicast\$4 communicat\$4) near2 (interval time)) with (beacon message)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:08
S22 7	0	((sleep\$4 doz\$4 idl\$4 low sav\$4) near2 (interval time mode)) with ((broadcast\$4) near2 (interval time)) with number with (beacon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:10
S22 8	8	((sleep\$4 doz\$4 idl\$4 low sav\$4) near2 (interval time mode)) with ((broadcast\$4) near2 (interval time)) with number	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:15
S22 9	10	((wak\$4 active) near2 (interval)) with ((broadcast\$4) near2 (interval time))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 12:15
S23 0	41	((wak\$4 active) near2 (interval time)) with ((broadcast\$4) near2 (interval time))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:16

## EAST Search History

S23 1	0	(beacon TIM) with (("no" "not") near2 receiv\$4) with (sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:20
S23 2	0	(beacon TIM) with (("no" "not") near2 receiv\$4) with (wak\$4 active sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 15:48
S23 3	0	(beacon TIM) with (("no" "not") near2 receiv\$4) with (wak\$5 active sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:22
S23 4	0	(beacon TIM) with (("no" "not") near2 receiv\$4) with (wak\$5 (wak\$4 adj up) active sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 13:23
S23 5	89	(beacon TIM) with (receiv\$4) with (wak\$5 (wak\$4 adj up) active sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:03
S23 6	1	("6002918").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/06 15:45
S23 7	1	S236 and broadcast\$4 and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:17
S23 8	0	S236 and (sleep\$4 idl\$4 hibernat\$4 (low adj power)) with (interval cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 15:49
S23 9	1	S236 and (sleep\$4 idl\$4 hibernat\$4 (low adj power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:03
S24 0	1	("5583866").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/06 16:03
S24 1	1	S240 and (sleep\$4 idl\$4 hibernat\$4 (low adj power)) with broadcast\$4 with interval	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:05
S24 2	1	S240 and (sleep\$4 idl\$4 hibernat\$4 (low adj power)) with interval	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:06



## EAST Search History

S24 3	1	S240 and (sleep\$4 idl\$4 hibernat\$4 (low adj power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:11
S24 4	8	((sleep\$4 idl\$4 hibernat\$4 (low adj power)) near2 (interval period)) with (broadcast\$4 near2 (period interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:43
S24 5	1	("6564074").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/06 16:17
S24 6	1	S245 and broadcast\$4 and beacon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:17
S24 7	34	((sleep\$4 idl\$4 hibernat\$4 (low adj power)) near2 (time interval period)) with (broadcast\$4 near2 (time))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/07 08:54